

WE CLAIM:

1. A method for presenting event associations between events from one or more event flows on a display screen of a computer,
5 comprising:

constructing a sequence diagram representation, said representation having timelines for said event flows and directional paths between said timelines for said event associations; and,

10 displaying said representation on said display.

2. The method of claim 1 and further comprising providing a graphical user interface for selecting a level of detail for said representation.

3. The method of claim 2 wherein content for said level of
15 detail is established by a predetermined relationship model for said event flows.

4. The method of claim 1 and further comprising generating said event associations by selecting associated events from said event flows in accordance with one or more predetermined
20 parameters.

5. The method of claim 4 wherein said predetermined parameters include time of occurrence.

6. The method of claim 1 wherein said event flows are logs.

7. The method of claim 1 wherein said sequence diagram is a
25 universal modelling language ("UML") sequence diagram.

8. A system for presenting event associations between events from one or more event flows on a display screen, said system including memory and an input device, said system comprising:

5 a processor coupled to said display, memory, and input device and adapted for: constructing a sequence diagram representation, said representation having timelines for said event flows and directional paths between said timelines for said event associations; and, displaying said representation on said display.

10 9. The system of claim 8 and further comprising a graphical user interface for selecting a level of detail for said representation.

15 10. The system of claim 9 wherein content for said level of detail is established by a predetermined relationship model for said event flows.

11. The system of claim 8 wherein said processor is adapted for generating said event associations by selecting associated events from said event flows in accordance with one or more predetermined parameters.

20 12. The system of claim 11 wherein said predetermined parameters include time of occurrence.

13 The system of claim 8 wherein said event flows are logs.

14. The system of claim 8 wherein said sequence diagram is a UML sequence diagram.

15. A computer program product having a computer readable medium tangibly embodying computer executable code for presenting event associations between events from one or more event flows on a display screen, said computer program product comprising:

code for constructing a sequence diagram representation, said representation having timelines for said event flows and directional paths between said timelines for said event associations; and,

10 code for displaying said representation on said display.

16. The computer program product of claim 15 and further comprising code for providing a graphical user interface for selecting a level of detail for said representation.

17. The computer program product of claim 16 wherein content for said level of detail is established by a predetermined relationship model for said event flows.

18. The computer program product of claim 15 and further comprising code for generating said event associations by selecting associated events from said event flows in accordance with one or more predetermined parameters.

20 19. The computer program product of claim 18 wherein said predetermined parameters include time of occurrence.

20. The computer program product of claim 15 wherein said event flows are logs.

25 21. The computer program product of claim 15 wherein said sequence diagram is a UML sequence diagram.

22. An article having a computer readable modulated carrier signal being usable over a network, and having means embedded in the computer readable modulated carrier signal for presenting event associations between events from one or more event flows on a display screen, said article comprising:

5 means in the medium for constructing a sequence diagram representation, said representation having timelines for said event flows and directional paths between said timelines for said event associations; and,

10 means in the medium for displaying said representation on said display.

23. The article of claim 22 and further comprising means in the medium for providing a graphical user interface for selecting a level of detail for said representation.

15 24. The article of claim 23 wherein content for said level of detail is established by a predetermined relationship model for said event flows.

20 25. The article of claim 22 and further comprising means in the medium for generating said event associations by selecting associated events from said event flows in accordance with one or more predetermined parameters.

26. The article of claim 25 wherein said predetermined parameters include time of occurrence.

27. The article of claim 22 wherein said event flows are logs.

25 28. The article of claim 22 wherein said sequence diagram is a UML sequence diagram.